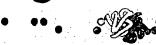


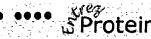


1: AAD45118 MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis]

```
LOCUS
                            81 aa
                                                      INV
                                                                20-JUL-1999
             AF162338_1
            MGD2 antimicrobial peptide precursor [Mytilus galloprovincialis].
DEFINITION
ACCESSION
            AAD45118
PID
             g5533299
             AAD45118.1 GI:5533299
VERSION
             locus AF162338 accession AF162338.1
DBSOURCE
KEYWORDS
SOURCE
            Mediterranean mussel.
  ORGANISM
            Mytilus galloprovincialis
            Eukaryota; Metazoa; Mollusca; Bivalvia; Pteriomorphia; Mytiloida;
            Mytiloidea; Mytilidae; Mytilus.
REFERENCE
            1 (residues 1 to 81)
  AUTHORS
            Hubert, F., Mitta, G. and Roch, P.
  TITLE
            Defensins: involvement in mussel defense
  JOURNAL
            Unpublished
               (residues 1 to 81)
REFERENCE
  AUTHORS
            Mitta, G., Hubert, F. and Roch, P.
            Direct Submission
  TITLE
  JOURNAL
            Submitted (24-JUN-1999) Defense et Resistance chez les Invertebres
            Marins (D.R.I.M.), IFREMER-CNRS UMR 219, Universite Montpellier II,
            2 Place Eugene Bataillon, Montpellier 34095, France
COMMENT
            Method: conceptual translation.
FEATURES
                      Location/Qualifiers
     source
                      1..81
                      /organism="Mytilus galloprovincialis"
                      /db_xref="taxon:29158"
                      /cell_type="hemocyte"
     Protein
                      1..81
                      /product="MGD2 antimicrobial peptide precursor"
     CDS
                      1..81
                      /coded_by="AF162338.1:7..252"
ORIGIN
        1 mkaafvllvv glcimtdvat agfgcpnnya chqhcksirg ycggycagwf rlrctcyrcg
       61 grrddvedif diydnvaver f
//
```







		* 	
Search Prote	tein v for		Go Clear
		3 38 2 4 6 7	
Display Default View ▼ as HTML ▼ Save Add to Clipboard			
_ 1: <u>P56686</u> 4 KDA DEFENSIN			
LOCUS DEFINITION ACCESSION PID	DEF4_ANDAU 37 aa 4 KDA DEFENSIN. P56686 g6014948	INV	30-MAY-2000
VERSION DBSOURCE	P56686 GI:6014948 swissprot: locus DEF4_ANDAU, accession class: standard.	ı <u>P56686;</u>	
	extra accessions:P81618,created: Jul 1 sequence updated: Jul 15, 1999. annotation updated: May 30, 2000.	.5, 1999.	
	annocación updaced: May 30, 2000.		
xrefs (non-sequence databases): PFAM PF01097, PROSI KEYWORDS Antibiotic.			PROSITE PS00425
SOURCE	Androctonus australis hector.		
ORGANISM	Androctonus australis hector		
	Eukaryota; Metazoa; Arthropoda; Chelicerata; Arachnida; Scorpiones;		
	Buthoidea; Buthidae; Androctonus.		
REFERENCE	1 (residues 1 to 37)		
AUTHORS	Ehret-Sabatier, L., Loew, D., Goyffon, M., Fehlbaum, P., Hoffmann, J.A.,		
TITLE	van Dorsselaer, A. and Bulet, P. Characterization of novel cysteine-rich antimicrobial peptides from		
111175	scorpion blood		
JOURNAL	J. Biol. Chem. 271 (47), 29537-29544 (1996)		
MEDLINE	97094646		
REMARK SEQUENCE, AND CHARACTERIZATION.			
	TISSUE=HEMOLYMPH		
COMMENT	[FUNCTION] ACTIVE AGAINST GRAM-POSITIV	E BACTERI	IA.
	[SUBCELLULAR LOCATION] SECRETED.		
	MASS SPECTROMETRY: MW=4206.8; METHOD=E		
TO A MILLO CO	[SIMILARITY] BELONGS TO THE ARTHROPOD	DEFENSIN	FAMILY.
FEATURES	Location/Qualifiers 137		
source	/organism="Androctonus austra	lis hecto	r"
	/db_xref="taxon:70175"	115 necec	,_
Proteir	. T.		
	/product="4 KDA DEFENSIN"		
Bond	bond (4,25)		
	/bond_type="disulfide"		
	/note="BY SIMILARITY."		
Bond	bond(11,33)		
	/bond_type="disulfide"		
	/note="BY SIMILARITY."		
Bond	bond(15,35)		
	/bond_type="disulfide" /note="BY SIMILARITY."		
ORIGIN	/HOCE- DI SIMIDAKIII.		
	fgcpfnqga chrhcrsirr rggycaglfk qtctcyr		
3 -			

//